

Title (en)
A METHOD OF TRANSMITTING AND RECEIVING CODED SPEECH

Title (de)
SENDE- UND EMPFANGSVORFAHREN FÜR KODIERTE SPRACHE

Title (fr)
PROCEDE DE TRANSMISSION ET DE RECEPTION DE PAROLE CODEE

Publication
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Application
EP 94905740 A 19940203

Priority

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Abstract (en)
[origin: US5715362A] PCT No. PCT/EI94/00051 Sec. 371 Date Oct. 4, 1994 Sec. 102(e) Date Oct. 4, 1994 PCT Filed Feb. 3, 1994 PCT Pub. No. WO94/18668 PCT Pub. Date Aug. 18, 1994A method of transmitting and receiving coded speech, in which method samples are taken of a speech signal and reflection coefficients are calculated from these samples. In order to minimize the used transmission rate, characteristics of the reflection coefficients are compared with respective stored sound-specific characteristics of the reflection coefficients for the identification of the sounds, and identifiers of identified sounds are transmitted, speaker-specific characteristics are calculated for the reflection coefficients representing the same sound and stored in a memory, the calculated characteristics of the reflection coefficients representing said sound and stored in the memory are compared with the following characteristics of the reflection coefficients representing the same sound, and if the following characteristics of the reflection coefficients representing the same sound do not essentially differ from the characteristics of the reflection coefficients stored in the memory, differences between the characteristics of the reflection coefficients representing the same sound of the speaker and the characteristics of the reflection coefficients calculated from the previous sample are calculated and transmitted.

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